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Company: USPTO

From: Wendy W. Koba

Attention: Nathan Sloan

Pages including cover sheet: 12

Fax No.: 703-872-9306

Date: January 5, 2004

Re: Serial No. 09/588,587

☒ Urgent ☐ Please review ☐ Please Comment ☐ Please Reply ☐ For your information

Case Name: D2253CIP

Serial Number: 09/588,587

Filing Date: June 6, 2000

Group Art Unit: 2614

Examiner: Nathan Sloan

In response to a final office action dated November 5, 2003 attached please find the following documents:

1. Transmittal Form (1 page)
2. Certificate of Facsimile Transmission under 37 CFR 1.8 (1 page)
3. Claims as amended (1 page)
4. Amendment (8 pages)

Respectfully submitted,

Wendy W. Koba
Wendy W. Koba, Esq.

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/588,587
	Filing Date	June 6, 2000
	First Named Inventor	Kauffman
	Art Unit	2614
	Examiner Name	Nathan Sloan
Total Number of Pages in This Submission	Attorney Docket Number	D 2253C IP

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	1. Fax Cover sheet
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	2. Cert. of transmission Under 37 CFR 1.8
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	3. Claims As Amended
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Wendy W. Koba
Signature	Wendy W. Koba
Date	1/5/04

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Wendy W. Koba
Signature	Wendy W. Koba
Date	1/5/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/97 (08-03)

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Wendy W. Koba
Signature

Wendy W. Koba
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

1. Fax Cover sheet (1 sheet)
2. Claims AS Amended (1 sheet)
3. Amendment (sheets)

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

CASE D2253CIP

SERIAL NO. 09/588,587

GROUP ART UNIT 2614

FILED June 6, 2000

EXAMINER Nathan A. Sloan

TITLE Ingress Detection and Characterization by
Time/Frequency map

COMMISSIONER OF PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

SIR

Enclosed is an amendment in the above-identified application:

☒ No additional fee is required, as shown below.CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL CLAIMS FOR FEE PURPOSES		MINUS			X \$18	
INDEPENDENT CLAIMS		MINUS			X \$86	
MULTIPLE DEPENDENT CLAIM(S) First presented with this amendment, if applicable					X \$290	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$

Respectfully,

Wendy W. Koba
Wendy W. Koba
Reg. No. 30509
Attorney for Applicant(s)
610-346-7112Date: 1/5/04